Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD US 5 383 Effective Cycloc1, 2003 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE [OR SMALL ENTITY TOTAL CLAIMS RATE FEE RATE FEE FOR BASIC FEE NUMBER FILED NUMBER EXTRA BASIC FEE 1235 OR TOTAL CHARGEABLE CLAIMS minus 20= X\$4 = X\$18 = OR INDEPENDENT CLAIMS minus 3 = X43= X86= OR MULTIPLE DEPENDENT CLAIM PRESENT +145= +290-OB * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL CLAIMS AS AMENDED - PART II OTHER THAN (Column 1) SMALL ENTITY OR SMALL ENTITY (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT BATE TIONAL RATE TIONAL AMENDMENT AFTER PREVIOUSLY EXTRA FEE FEE AMENDMENT PAID FOR Total Minus X\$9= X\$(8= OB Independent Minus X42= 186= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM -0PG +145:= OR TOTAL TOTAL OR ADDIT FEE ADDIT FEE (Column 2) (Column 3) (Column 1) CI AIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL TIONAL AFTER PREVIOUSLY RATE RATE EXTRA AMENDMENT PAID FOR FEE FEE ENDM Total Minus x19= X\$/8= OR Independent Minus X43= X86+ OB FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM 290= +145= OR TOTAL TOTAL OR ADDIT, FEE ADDIT, FEE (Column 1) (Column 2) (Column 3) CL AIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT AMENDMENT RATE TIONAL RATE TIONAL AFTER PREVIOUSLY EXTRA AMENDMENT PAID FOR FEE FEE Total Minus .. X\$9= X\$18= OR Independent Minus X13= X86 OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM + 145= 190 OR * If the entry in column 1 is less than the entry in column 2, write "0" in column 3 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20 OR ADDIT FEE ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.